IN THE CLAIMS

Please cancel claims 11-15 and 22-26.

Please amend claims 16, 27, 29, 34, 42 and 44 to appear as follows:

16. A system for extending functionality of a class object, comprising:

a processing unit;

a system memory in communication with the processing unit via a system bus;

a computer-readable medium in communication with the processing unit via the system bus; and

an extensible object model executed from the computer-readable medium by the processing unit, wherein the extensible object model determines whether a requested functionality is inherent in the class object, and wherein the extensible object model causes the processing unit to create an extension object from an extension package when a requested functionality is not inherent in the class object, and wherein the extension object extends the class object to provide the requested functionality.

27. A computer-readable medium having stored thereon computer-executable components comprising:

an extensible object;

an extension database having an entry for an extension for the extensible object; and

an extension package having an interface for obtaining an extension object that provides the extension for the extensible object, wherein the extensible package determines whether a requested functionality is inherent in the class object.

29. A method for extending functionality of a class object in a run-time environment, comprising:

determining whether a requested functionality is inherent in the class object;

receiving a request from an application for functionality that is not inherent in the class object;

determining if the functionality is available in a first extension object;

obtaining an extension package having computer-executable instructions associated with the extension object functionality, wherein the extension package proffers an extension provider object when the functionality is requested;

specifying parameters to the extension provider object to create a second extension object; and

directing the request to the second extension object.

34. A method for extending functionality of a class object in a run-time environment, comprising:

determining whether a requested functionality is inherent in the class object;

receiving a request from an application for functionality that is not inherent in the class object;

determining if the functionality is available in a first extension object; and

directing the request to the functionality in a second extension object, when the functionality is not available in the first extension object.

42. A system for extending functionality of a class object, comprising:

a processing unit;

a system memory in communication with the processing unit via a system bus;

a computer-readable medium in communication with the processing unit via the system bus;

an extensible object model executed from the computer-readable medium by the processing unit, wherein the extensible object model determines whether a requested functionality is inherent in the class object, and wherein the extensible object model creates an extension object from an extension package when a requested functionality is not inherent in the class object, and wherein the extension object extends the class object to provide the requested functionality.

44. A method for extending functionality of a class object, comprising:

determining whether a requested functionality is inherent in the class object;

invoking a functionality that is not inherent in the class object;

determining if the invoked functionality is available in a first extension object;

creating a second extension object when the invoked functionality is not available in the first extension object; and

directing the invocation to the second extension object.